| L Number | Hits 8739 | Search Text 257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783 | DB USPAT, US-PGPUB; EPO; JPO; | Time stamp 2002/09/07 15:35 |
|----------|--------------|---|---|-----------------------------|
| - 2 | 2981 | (257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and ((heat thermal) NEAR (spreader dissipat\$3)) | IBM_TDB USPAT: US-PGPUB; EPO; JPO; | 2002/09/07 16 25 |
| 3 | 2164 | ((257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and ((heat thermal) NEAR (spreader dissipat\$3))) and (die chip wafer) | IBM_TDB USPAT; US-PGPUB; EPO, JPO; | 2002/09/07 16 25 |
| 4 | 37 | (((257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and ((heat thermal) NEAR (spreader dissipat\$3))) and (die chip wafer)) and (adhesion NEAR (layer film)) | IBM_TDB USPAT: US-PGPUB; EPO, JPO; | 2002/09/07 15:52 |
| 5 | 2 | (("4561011") or ("6091603")).PN. | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2002/09/07 15 52 |
| 6 | 722 | ((257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and ((heat thermal) NEAR (spreader dissipat\$3))) and ((die chip wafer) NEAR surface) | IBM_TDB USPAT; US-PGPUB; FPO; JPO; | 2002/09/07 16 26 |
| 7 | 17 | (((257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and ((heat thermal) NEAR (spreader dissipat\$3))) and ((die chip wafer) NEAR surface)) and (solder-wet\$4 (solder NEAR wet\$4)) | IBM_TDB USPAT; US-PGPUB; EPO; JPO; | 2002/09/07 16 26 |
| o | 1 | Wet54)) | IBM_TDB | - 2002/00/07 17 02 |
| 8 | 1 | | USPAT | 2002/09/07 16:03 |
| 9 | 1 | | USPAT | 2002/09/07 16:03 |
| 10 | 1 | | USPAT | 2002/09/07 16:04 |
| 11 | 1 | | USPAT | 2002/09/07 16:04 |
| 12 | 1 | | USPAT | 2002/09/07 16:05 |
| 13 | 1 | | USPAT | 2002/09/07 16 05 |
| 14 | 1 | | USPAT | 2002/09/07 16:06 |
| 15 | 1 | | USPAT | 2002/09/07 16:06 |
| 16 | 1 | | USPAT | 2002/09/07 16:07 |
| 17 | 1 | | USPAT | 2002/09/07 16:08 |
| 18 | 1 | | USPAT | 2002/09/07 16:08 |
| . 19 | 1 | | USPAT | 2002/09/07 16:08 |
| 20 | 1 | | USPAT | 2002/09/07 16:09 |
| 21 | 1 | | USPAT | 2002/09/07 16:09 |
| 22 | 1 | | USPAT | 2002/09/07 16:09 |
| 23 | 1 | | USPAT | 2002/09/07 16:09 |
| 24 | 1 | | USPAT | 2002/09/07 16 10 |
| 25 | 1 | | USPAT | 2002/09/07 16 10 |
| 26 | 1 | | USPAT | 2002/09/07 16:10 |
| 27 | 1 | | USPAT | 2002/09/07 16:10 |
| 28 | ļ | | USPAT | 2002/09/07 16:10 |
| 29 | 1 | | USPAT | 2002/09/07 16:10 |
| 30 | 1 | | USPAT | 2002/09/07 16 11 |
| 31 | 1 | | USPAT | 2002/09/07 16 12 |
| 32 | 1 | | USPAT | 2002/09/07 16:13 |
| 33 | 1 | | USPAT | 2002/09/07 16 13 |
| 34 | 8 | (((257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and ((heat thermal) NEAR (spreader dissipat\$3))) and ((die chip wafer) NEAR surface)) and (solder\$3 NEAR thermal\$2 NEAR | USPAT; US-PGPUB; EPO: JPO. | 2002/09/07 16 20 |
| 35 | 29 | conduct\$3) (257/704 257/706 257/707 257/713 257/718 257/720 257/675 257/728 257/779 257/783) and (solder\$3 NEAR thermal\$2 NEAR conduct\$3) | IBM_TDB USPAT; US-PGPUB; EPO; JPO. | 2002/09/07 16 24 |
| | | | IBM_TDB | |

| 36 | 4327 | 438/122 438/125 438/612 438/118 | USPAT; US-PGPUB; EPO, JPO. IBM_TDB | 2002/09/07 16:24 |
|----|------|---|---|------------------|
| 37 | 7 | (438/122 438/125 438/612 438/118) and (solder\$3 NEAR thermal\$2 NEAR conduct\$3) | USPAT; US-PGPUB; EPO, JPO, IBM TDB | 2002/09/07 16:24 |
| 38 | 640 | (438/122 438/125 438/612 438/118) and ((heat thermal) NEAR (spreader dissipat\$3)) | USPAT; US-PGPUB; EPO, JPO, IBM TDB | 2002/09/07 16:25 |
| 39 | 7 | ((438/122 438/125 438/612 438/118) and (solder\$3 NEAR thermal\$2 NEAR conduct\$3)) and (die chip wafer) | USPAT; US-PGPUB; EPO, JPO. IBM TDB | 2002/09/07 16:26 |
| 40 | 597 | ((438/122 438/125 438/612 438/118) and ((heat thermal) NEAR (spreader dissipat\$3))) and (die chip wafer) | USPAT; US-PGPUB; EPO, JPO. IBM TDB | 2002/09/07 16:26 |
| 41 | 263 | ((438/122 438/125 438/612 438/118) and ((heat thermal) NEAR (spreader dissipat\$3))) and ((die chip wafer) NEAR surface) | USPAT: US-PGPUB; EPO, JPO, IBM TDB | 2002/09/07 16:26 |
| 42 | 10 | (((438/122 438/125 438/612 438/118) and ((heat thermal) NEAR (spreader dissipat\$3))) and ((die chip wafer) NEAR surface)) and (solder-wet\$4 (solder NEAR wet\$4)) | USPAT; US-PGPUB; EPO, JPO; IBM_TDB | 2002/09/07 16:26 |